

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- ~~COLORED PHOTOS~~
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

U.S. Department of Commerce, Patent and Trademark Office					Docket No. WEAT/0054.C1		Serial No. UNKNOWN	
(PTO Form 1449 modified)								
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANTS					Applicant: Haugen, et al.			
(Use several sheets if necessary)					UNKNOWN			
					Filing Date:		Group:	
Examiner UNKNOWN					HEREWITH		UNKNOWN	
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
JAO	A1	6,571,672	06/03/2003	Rudd	83	36	11/19/1998	
	A2	6,543,552	04/08/2003	Metcalfe, et al.	175	57	12/22/1999	
	A3	6,527,049	03/04/2003	Metcalfe, et al.	166	277	12/22/1999	
	A4	6,457,532	10/01/2002	Simpson	166	380	12/22/1999	
	A5	6,454,013	09/24/2002	Metcalfe	166	382	11/02/1998	
	A6	6,446,323	09/10/2002	Metcalfe, et al.	29	523	12/22/1999	
	A7	6,425,444	07/30/2002	Metcalfe, et al.	166	387	12/22/1999	
	A8	6,419,033	07/16/2002	Hahn, et al.	175	61	12/08/2000	
	A9	6,325,148	12/04/2001	Trahan, et al.	166	297	12/22/1999	
	A10	6,318,457	11/20/2001	Den Boer, et al.	166	66.7	01/31/2000	
	A11	6,189,616	02/20/2001	Gano, et al.	166	298	03/10/2000	
	A12	6,135,208	10/24/2000	Gano, et al.	166	313	05/28/1998	
	A13	6,098,717	08/08/2000	Bailey, et al.	166	382	10/08/1997	
	A14	6,070,671	06/06/2000	Cumming, et al.	166	381	08/03/1998	
	A15	6,029,748	02/29/2000	Forsyth, et al.	166	380	10/03/1997	
	A16	6,021,850	02/08/2000	Wood, et al.	166	380	10/03/1997	
	JAO	A17	5,979,571	11/09/1999	Scott, et al.	175	61	09/23/1997
Foreign Patent Documents								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
JAO	B1	DE 4 133 802	10/22/1992	Germany	F16L	9/12		X
	B2	DE 3 213 464	10/13/1983	Germany	B23D	45/12		X
	B3	EP 0 961 007	12/01/1999	Europe	E21B	33/10		X
	B4	GB 2 329 918	04/07/1999	Great Britain	E21B	43/10		X
	B5	GB 2 320 734	07/01/1998	Great Britain	E21B	33/127		X
	B6	GB 2 216 926	10/18/1989	Great Britain	E21B	7/20		X
	B7	GB 1 582 392	01/07/1981	Great Britain	B21D	39/10		X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
JAO	C1	Metcalfe, P. - "Expandable Slotted Tubes Offer Well Design Benefits", <u>Petroleum Engineer International</u> , Vol. 69, No. 10 (October 1996), pp. 60-63 - XP000684479						
JAO	C2	PCT International Preliminary Examination Report from PCT/GB99/04365, Dated 23 March 2001.						
Examiner <i>David H. Heston</i>			Date Considered <i>6/24/04</i>					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office					Docket No. WEAT/0054.C1		Serial No. UNKNOWN	
(PTO Form 1449 modified)								
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANTS					Applicant: Haugen, et al.			
(Use several sheets if necessary)					UNKNOWN			
Examiner UNKNOWN					Filing Date:		Group:	
					HEREWITH		UNKNOWN	

U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
JAO	A18	5,960,895	10/05/1999	Chevallier, et al.	175	27	02/23/1996
	A19	5,957,225	09/28/1999	Sinor	175	57	07/31/1997
	A20	5,924,745	07/20/1999	Campbell	285	90	05/24/1996
	A21	5,901,789	05/11/1999	Donnelly, et al.	166	381	11/08/1996
	A22	5,901,787	05/11/1999	Boyle	166	135	04/04/1997
	A23	5,887,668	03/30/1999	Haugen, et al.	175	79	04/02/1997
	A24	5,887,655	03/30/1999	Haugen, et al.	166	298	01/30/1997
	A25	5,785,120	07/28/1998	Smalley, et al.	166	55	11/14/1996
	A26	5,706,905	01/13/1998	Barr	175	61	02/21/1996
	A27	5,685,369	11/11/1997	Ellis, et al.	166	195	05/01/1996
	A28	5,667,011	09/16/1997	Gill, et al.	166	295	01/16/1996
	A29	5,636,661	06/10/1997	Moyes	137	614.2	11/29/1995
	A30	5,560,426	10/01/1996	Trahan, et al.	166	120	03/27/1995
	A31	5,553,679	09/10/1996	Thorp	175	73	05/31/1995
	A32	5,472,057	12/05/1995	Winfree	175	57	02/09/1995
	A33	5,520,255	05/28/1996	Barr, et al.	175	24	05/31/1995
	A34	5,472,057	12/05/1995	Winfree	175	57	02/09/1995
	A35	5,435,400	07/25/1995	Smith	175	61	05/25/1994
A36	5,409,059	04/25/1995	McHardy	166	208	08/19/1992	

Foreign Patent Documents							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
JAO	B8	GB 1 457 843	12/08/1976	Great Britain	B21D	39/10		X
	B9	GB 1 448 304	09/02/1976	Great Britain	E21B	33/13		X
	B10	GB 1 277 461	06/14/1972	Great Britain	B21D	39/04		X
JAO	B11	GB 997 721	07/07/1965	Great Britain	B21D	F061		X
	B12	GB 792 886	04/13/1956	Great Britain	E21D	F061		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
C3	Partial International Search Report from PCT/GB00/04160, Dated 02 February 2001.
C4	The Patent Office, UK Search Report from GB 9930398.4, Dated 27 June 2000.

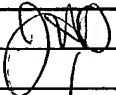


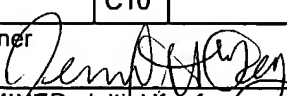
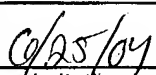
Examiner <i>Jim H. G. G.</i>	Date Considered <i>6/25/04</i>
------------------------------	--------------------------------

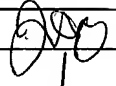
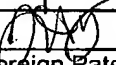
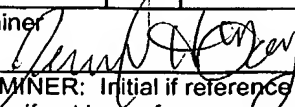
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office					Docket No. WEAT/0054.C1		Serial No. UNKNOWN	
(PTO Form 1449 modified)								
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANTS					Applicant: Haugen, et al.			
(Use several sheets if necessary)					UNKNOWN			
Examiner UNKNOWN					Filing Date:		Group:	
					HEREWITH		UNKNOWN	
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	A37	5,366,012	11/22/1994	Lohbeck	166	277	06/07/1993	
	A38	5,361,859	11/08/1994	Tibbits	175	286	02/12/1993	
	A39	5,348,095	09/20/1994	Worrall, et al.	166	380	06/07/1993	
	A40	5,322,127	06/21/1994	McNair, et al.	166	313	08/07/1992	
	A41	5,307,879	05/03/1994	Kent	166	382	01/26/1993	
	A42	5,301,760	04/12/1994	Graham	175	61	09/10/1992	
	A43	5,271,472	12/21/1993	Leturno	175	107	10/14/1992	
	A44	5,267,613	12/07/1993	Zwart, et al.	166	178	03/27/1992	
	A45	5,156,209	10/20/1992	McHardy	166	324	02/22/1991	
	A46	5,052,849	10/01/1991	Zwart	403	300	11/13/1990	
	A47	5,052,483	10/01/1991	Hudson	166	55	11/05/1990	
	A48	5,014,779	05/14/1991	Meling, et al.	166	55.7	11/22/1988	
	A49	4,997,320	03/05/1991	Hwang	408	22	01/04/1990	
	A50	4,976,322	12/11/1990	Abdrakhmanov, et al.	175	57	11/22/1988	
	A51	4,883,121	11/28/1989	Zwart	166	217	07/05/1988	
	A52	4,866,966	09/19/1989	Hagen	72	75	08/29/1988	
A53	4,848,469	07/18/1989	Baugh, et al.	166	382	06/15/1988		
A54	4,807,704	02/28/1989	Hsu, et al.	166	313	09/28/1987		
A55	4,697,640	10/06/1987	Szarka	166	120	01/16/1986		
A56	4,626,129	12/02/1986	Kothmann, et al.	405	43	07/26/1984		
Foreign Patent Documents								
					Translation			
		Document Number	Date	Country	Class	Subclass	Yes	No
	B13	GB 730 338	03/26/1954	Great Britain	84	4		X
	B14	WO 99/23354	05/14/1999	WIPO	E21B	43/10		X
	B15	WO 99/18328	04/15/1999	WIPO	E21B	23/01		X
	B16	WO 99/02818	01/21/1999	WIPO	E21B	43/10		X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	C5	PCT International Search Report from PCT/GB99/04246, Dated 03 March 2000.						
	C6	The Patent Office, UK Search Report from GB 9930166.5, Dated 12 June 2000.						
Examiner		Date Considered						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

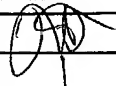
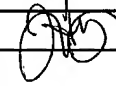
U.S. Department of Commerce, Patent and Trademark Office					Docket No. WEAT/0054.C1		Serial No. UNKNOWN	
(PTO Form 1449 modified)								
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANTS					Applicant: Haugen, et al.			
(Use several sheets if necessary)					UNKNOWN			
Examiner UNKNOWN					Filing Date:		Group:	
					HEREWITH		UNKNOWN	
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	A57	4,588,030	05/13/1986	Blizzard	166	120	09/27/1984	
	A58	4,581,617	04/08/1986	Yoshimoto, et al.	346	108	01/09/1984	
	A59	4,567,631	02/04/1986	Kelly	29	157.3	10/13/1983	
	A60	4,531,581	07/30/1985	Pringle, et al.	166	120	03/08/1984	
	A61	4,505,612	03/19/1985	Shelley, Jr.	405	101	08/15/1983	
	A62	4,505,142	03/19/1985	Kelly	72	54	08/12/1983	
	A63	4,502,308	03/05/1985	Kelly	72	58	01/22/1982	
	A64	4,487,630	12/11/1984	Crook, et al.	75	123B	10/25/1982	
	A65	4,483,399	11/20/1984	Colgate	166	308	02/12/1981	
	A66	4,470,280	09/11/1984	Kelly	72	61	05/16/1983	
	A67	4,450,612	05/29/1984	Kelly	72	62	10/23/1981	
	A68	4,445,201	04/24/1984	Pricer	365	154	11/30/1981	
	A69	4,429,620	02/07/1984	Burkhardt, et al.	91	395	07/27/1981	
	A70	4,414,739	11/15/1983	Kelly	29	727	12/19/1980	
	A71	4,407,150	10/04/1983	Kelly	72	61	06/08/1981	
	A72	4,387,502	06/14/1983	Dom	29	568	04/06/1981	
	A73	4,382,379	05/10/1983	Kelly	73	46	12/22/1980	
	A74	4,362,324	12/07/1982	Kelly	285	119	03/24/1980	
	A75	4,359,889	11/23/1982	Kelly	72	62	03/24/1980	
		A76	4,349,050	09/14/1982	Bergstrom, et al.	138	147	09/23/1980
Foreign Patent Documents								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	B17	WO 98/00626	01/08/1998	WIPO	E21B	43/10		X
	B18	WO 97/21901	06/19/1997	WIPO	E21B	17/08		X
	B19	WO 94/25655	11/10/1994	WIPO	D04C	1/06		X
	B20	WO 93/25800	12/23/1993	WIPO	E21B	43/10		X
	B21	WO 93/24728	12/09/1993	WIPO	E21B	17/10		X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	C7	PCT International Search Report from PCT/GB99/04365, Dated 03 March 2000.						
Examiner			Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office					Docket No. WEAT/0054.C1		Serial No. UNKNOWN	
(PTO Form 1449 modified)								
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANTS					Applicant: Haugen, et al.			
(Use several sheets if necessary)					UNKNOWN			
Examiner UNKNOWN					Filing Date:		Group:	
					HEREWITH		UNKNOWN	
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	A77	4,324,407	04/13/1982	Upham, et al.	277	27	10/06/1980	
	A78	4,319,393	03/16/1982	Pogonowski	29	434	03/10/1980	
	A79	4,288,082	09/08/1981	Setterberg, Jr.	277	125	04/30/1980	
	A80	4,159,564	07/03/1979	Cooper, Jr.	29	727	04/14/1978	
	A81	4,127,168	11/28/1978	Hanson, et al	166	123	03/11/1977	
	A82	4,069,573	01/24/1978	Rogers, Jr., et al.	29	421 R	03/26/1976	
	A83	3,977,076	08/31/1976	Vieira, et al.	30	103	10/23/1975	
	A84	3,948,321	04/06/1976	Owen, et al.	166	277	08/29/1974	
	A85	3,911,707	10/14/1975	Minakov, et al.	72	76	12/12/1974	
	A86	3,820,370	06/28/1974	Duffy	72	75	07/14/1972	
	A87	3,818,734	06/25/1974	Bateman	72	75	05/23/1973	
	A88	3,785,193	01/15/1974	Kinley, et al.	72	393	04/10/1971	
	A89	3,780,562	12/25/1973	Kinley	72	479	07/10/1972	
	A90	3,776,307	12/04/1973	Young	166	125	08/24/1972	
	A91	3,746,091	07/17/1973	Owen, et al.	166	207	07/26/1971	
	A92	3,712,376	01/23/1973	Owen, et al.	166	277	07/26/1971	
	A93	3691624	09/19/1972	Kinley	29	523	01/16/1970	
	A94	3689113	09/05/1972	Blaschke	285	90	02/27/1970	
Foreign Patent Documents								
		Document Number	Date	Country	Class	Subclass	Translation Yes No	
	B22	WO 92/01139	01/23/1992	WIPO	E21B	17/08		X
	B23	WO 01/83932	11/08/2001	WIPO	E21B	7/20		X
	B24	WO 99/64713	12/16/1999	WIPO	E21B	7/20		X
	B25	2 333 542	07/28/1999	GB	E21B	10/26		X
	B26	2 741 907	11/30/1995	FRANCE	E21B	7/20		X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	C08	PCT International Search Report from PCT/GB 01/01966, Dated September 18, 2001						
	C09	Dettef Hahn, et al. "Simultaneous Drill and Case Technology - Case Histories, Status and Options for Further Development," Society of Petroleum Engineers, IADC/SPE Drilling Conference, New Orleans, LA, 23-25 February 2000, Pages 1-9.						
Examiner			Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office					Docket No. WEAT/0054.C1		Serial No. UNKNOWN	
(PTO Form 1449 modified)								
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANTS					Applicant: Haugen, et al.			
(Use several sheets if necessary)					UNKNOWN			
Examiner UNKNOWN					Filing Date:		Group:	
					HEREWITH		UNKNOWN	
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	A95	3669190	06/13/1972	Sizer, et al.	166	315	12/21/1970	
	A96	3583200	06/08/1971	Cvijanovic, et al.	72	393	05/19/1969	
	A97	3,552,510	01/05/1971	Brown	175	261	10/08/1969	
	A98	3489220	01/13/1970	Kinley	166	277	08/02/1968	
	A99	3477506	11/11/1969	Malone	166	207	10/22/1965	
	A100	3467180	09/16/1969	F. Pensotti	165	180	03/30/1966	
	A101	3354955	11/28/1967	Berry	166	14	04/24/1964	
	A102	3353599	11/21/1967	Swift	166	15	08/04/1964	
	A103	3326293	06/20/1967	Skipper	166	150	06/29/1964	
	A104	3297092	01/10/1967	Jennings	166	207	07/15/1964	
	A105	3245471	04/12/1966	Howard	166	46	04/15/1963	
	A106	3203483	08/31/1965	Vincent	166	207	08/09/1962	
	A107	3203451	08/31/1965	Vincent	138	143	08/09/1962	
	A108	3195646	07/20/1965	Brown	166	208	06/03/1963	
	A109	3191680	06/29/1965	Vincent	166	46	03/14/1962	
	A110	3191677	06/29/1965	Kinley	166	14	04/29/1963	
Foreign Patent Documents								
		Document Number	Date	Country	Class	Subclass	Translation	
	B27	WO 96/28635	09/19/1996	WIPO	E21B	17/14		X
	B28	WO 98/50528	10/07/1999	WIPO	E21B	29/06		X
	B29	WO 98/09053	03/05/1998	WIPO	E21B	33/14		X
	B30	2 335 217	09/15/1999	GB	E21B	29/06		X
	B31	1 006 260	06/07/2000	EP	E21B	43/10		X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
C10								
Examiner 				Date Considered 				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

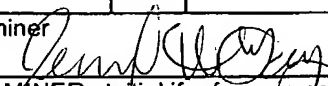
U.S. Department of Commerce, Patent and Trademark Office					Docket No. WEAT/0054.C1		Serial No. UNKNOWN	
(PTO Form 1449 modified)								
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANTS					Applicant: Haugen, et al.			
(Use several sheets if necessary)					UNKNOWN			
Examiner UNKNOWN					Filing Date:		Group:	
					HEREWITH		UNKNOWN	
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	A111	3186485	06/01/1965	Owen	166	63	04/04/1962	
	A112	3179168	04/20/1965	Vincent	166	14	08/09/1962	
	A113	3167122	01/26/1965	Lang	166	14	05/04/1962	
	A114	3087546	04/30/1963	B. J. Wooley	166	46	08/11/1958	
	A115	3039530	06/19/1962	Condra	166	55	08/26/1959	
	A116	3028915	04/10/1962	Jennings	166	16	10/27/1958	
	A117	2898971	08/11/1959	G. A. Hempel	153	82	05/11/1955	
	A118	2663073	12/22/1953	F. J. Bieber, et al.	29	148	03/19/1952	
	A119	2633374	03/31/1953	Boice	285	118	10/01/1948	
	A120	2,627,891	02/10/1953	Clark	153	82	11/28/1950	
	A121	2,519,116	08/15/1950	Crake	166	10	12/28/1948	
	A122	2,499,630	03/07/1950	Clark	153	81	12/05/1946	
	A123	2,424,878	07/29/1947	Crook	154	82	10/28/1944	
	A124	2,383,214	08/21/1945	Prout, et al.	153	82	05/18/1943	
A125	2,216,226	10/01/1940	Bumpous	36	44	08-19-1937		
A126	2,214,226	09/10/1940	English	166	1	03/29/1939		
A127	2,017,451	10/15/1935	Wickersham	166	10	11/21/1933		
A128	1,981,525	11/20/1934	Price	166	4	12/05/1933		
A129	1,930,825	10/17/1933	E. F. Raymond			04/28/1932		
A130	1,880,218	10/04/1932	Simmons			10/01/1930		
A131	1,597,212	08/24/1926	A. F. Spengler			10/13/1924		
A132	1,569,729	01/12/1926	O. Duda			12/27/1923		
A133	1,561,418	11/10/1925	O. Duda			01/26/1924		
	A134	1,545,39	07/07/1925	H. E. Deavers			11/13/1923	
Foreign Patent Documents								
Translation								
		Document Number	Date	Country	Class	Subclass	Yes	No
	B33							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	C14							
Examiner 		Date Considered 6/25/04						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office				Docket No. WEAT/0054.C1		Serial No. UNKNOWN	
(PTO Form 1449 modified)							
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANTS				Applicant: Haugen, et al.			
(Use several sheets if necessary)				UNKNOWN			
Examiner UNKNOWN				Filing Date:		Group:	
				HEREWITH		UNKNOWN	

U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	A135	1,324,303	12/09/1919	R. E. Carmichael			04/28/1919
	A136	1,301,285	04/22/1919	Leonard			09/01/1916
	A137	988,504	03/28/1911	Wiet			06/01/1910
	A138	761,518	05/31/1904	H. G. Lykken			08/19/1903
	A139	2002/0166668	11/14/2002	Metcalf, et al.			12/22/1999
	A140						
	A141						
	A142						
	A143						
	A144						
	A145						
	A146						
	A147						
	A148						
	A149						
	A150						
	A151						
	A152						
	A153						

Foreign Patent Documents							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
	B32							
	B33							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
	C14
	C15

Examiner 	Date Considered <u>02/25/04</u>
--	---------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.